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Result No.	Score	Query Match	Length	NR	ID	Description
1	25	100.0	22	10	03-09-935-247-9	Sequence 3, Appli
2	25	100.0	28	10	03-09-963-959-724	Sequence 724, Aff
3	25	100.0	92	10	03-09-864-761-01177	Sequence 01177, A
4	25	100.0	10	08-09-878-574-14954	Sequence 14954, A	


```

; OTHER INFORMATION: MAP TO AF096876.1
; OTHER INFORMATION: EXPRESSED IN H1474, SIGNAL = 1.7
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.7
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.4
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.7
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.1
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.6
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.6
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.7
; OTHER INFORMATION: EXPRESSED IN HRL100, SIGNAL = 1.2
; OTHER INFORMATION: FET HUMAN HLT: BB614383.1, EVALUE 7.20e 02
; OTHER INFORMATION: NC HLT: A163352.2, EVALUE 1.00e 23
US-09-864-761-21177

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```

Alignment Scores:
Pred. No.: 120 Length: 92
Score: 25.00 Matches: 5
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

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US-09-856-070-16 (1-5) x US-09-854-751-21177 (1-92)

```

QY 1 GluArgGluLysGlu 5
    |||||||
DB 27 GAGAGAGAGAGAG 41

```

RESULT 4

```

US-09-878-574-14954/c
; Sequence 14954, Application US/09878574
; Patent No. US20020110548A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Byrum, Joseph F.
; APPLICANT: La Rosa, Michael D.
; APPLICANT: Thompson, Michael D.
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated with
; FILE REFERENCE: 38-21(15401)B
; CURRENT APPLICATION NUMBER: US/09/878,574
; CURRENT FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 09/333,535
; PRIOR FILING DATE: 1999-06-14
; NUMBER OF SEQ ID NOS: 15775
; SEQ ID NO 14954
; LENGTH: 99
; TYPE: DNA
; ORGANISM: Glycine max
; OTHER INFORMATION: Clone ID: 701069470H1
US-09-878-574-14954

```

```

Alignment Scores:
Pred. No.: 129 Length: 99
Score: 25.00 Matches: 5
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

```

US-09-856-070-16 (1-5) x US-09-878-574-14954 (1-99)

```

QY 1 GluArgGluLysGlu 5
    |||||||
DB 51 GAGAGAGAGAGAG 37

```

RESULT 5

```

US-09-969-373-365/c
; Sequence 365, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauger, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping

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```

; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 365
; LENGTH: 99
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-365

```

```

Alignment Scores:
Pred. No.: 129 Length: 99
Score: 25.00 Matches: 5
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

```

US-09-856-070-16 (1-5) x US-09-969-373-365 (1-99)

```

QY 1 GluArgGluLysGlu 5
    |||||||
DB 62 GAGAGAGAGAGAG 48

```

RESULT 6

```

US-09-969-373-1469/c
; Sequence 1469, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauger, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 1469
; LENGTH: 99
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-1469

```

```

Alignment Scores:
Pred. No.: 129 Length: 99
Score: 25.00 Matches: 5
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

```

US-09-856-070-16 (1-5) x US-09-969-373-1469 (1-99)

```

QY 1 GluArgGluLysGlu 5
    |||||||
DB 33 GAGAGAGAGAGAG 19

```

RESULT 7

```

US-09-969-373-541/c
; Sequence 541, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:

```

```

: APPLICANT: Effertz, Roger J.
: APPLICANT: Hange, Brian M.
: TITLE OF INVENTION: Soybean SSPs and Methods of Genotyping
: FILE REFERENCE: 48-10(52679)A
: CURRENT APPLICATION NUMBER: 09/09,656,474
: CURRENT FILING DATE: 2001-10-02
: PRIOR APPLICATION NUMBER: US 09/754,853
: PRIOR FILING DATE: 2001-01-05
: PRIOR APPLICATION NUMBER: US 09/760,427
: PRIOR FILING DATE: 2001-01-13
: PRIOR APPLICATION NUMBER: US 09/855,768
: PRIOR FILING DATE: 2001-05-15
: NUMBER OF SEQ ID NOS: 4594
: SEQ ID NO 541
: LENGTH: 104
: TYPE: DNA
: ORGANISM: Glycine max
: US-09-909-373-541

```

```

Alignment Scores:
Pred. No.: 145 Length: 104
Score: 25.00 Matches: 5
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
Gaps: 0

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US 09-856-070 16 (1-5) x US-09-969-373-541 (1 104)
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```
QY 1 GUAAGGULySGlu 5
```

```
Db 78 GAGAGAGAGAGAG 64
```

```
RESULT 8
```

```

US 10-013 329-1
: Sequence 1, Application US/10013329
: Patent No. US2002060390A1
: GENERAL INFORMATION:
: APPLICANT: KIKEN
: APPLICANT: Yoshikawa, Takeo
: APPLICANT: Hattori, Eiji
: TITLE OF INVENTION: POLYMORPHIC DNAs AND THEIR USE FOR
: TITLE OF INVENTION: DIAGNOSIS OF SUSCEPTIBILITY TO PANIC DISORDER
: FILE REFERENCE: 25100-20092.00
: CURRENT APPLICATION NUMBER: US/10/013,329
: CURRENT FILING DATE: 2002-04-12
: PRIOR APPLICATION NUMBER: JP 2000-375090
: PRIOR FILING DATE: 2000-12-08
: NUMBER OF SEQ ID NOS: 9
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO 1
: LENGTH: 108
: TYPE: DNA
: ORGANISM: Homo sapiens
: US 10-013 329-1

```

```

Alignment Scores:
Pred. No.: 141 Length: 108
Score: 25.00 Matches: 5
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
Gaps: 0

```

```
US 09-856-070 16 (1-5) x US-10-013-329-1 (1-108)
```

```
QY 1 GUAAGGULySGlu 5
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```
Db 41 GAGAGAGAGAGAG 55
```

```
RESULT 9
```

```

US 09-783-590 463
: Sequence 463, Application US/09783590

```

```

: Patent No. US20020110850A1
: GENERAL INFORMATION:
: APPLICANT: Dillon, Patrick J.
: APPLICANT: Baseltine, William A.
: APPLICANT: Li, Haodong
: APPLICANT: Rosen, Craig A.
: APPLICANT: Ruben, Steven M.
: TITLE OF INVENTION: Human Genes, Sequences, and Expression Products 16.2
: FILE REFERENCE: PO-16,2c1
: CURRENT APPLICATION NUMBER: US/09/783,590
: CURRENT FILING DATE: 2000-02-15
: PRIOR APPLICATION NUMBER: 08/420,856
: PRIOR FILING DATE: 1995-04-12
: PRIOR APPLICATION NUMBER: 08/346,731
: PRIOR FILING DATE: 1994-11-21
: NUMBER OF SEQ ID NOS: 12485
: SOFTWARE: PatentIn Ver. 2.0
: SEQ ID NO 463
: LENGTH: 112
: TYPE: DNA
: ORGANISM: Homo sapiens
: NAME/KEY: misc feature
: LOCATION: (45)
: OTHER INFORMATION: n equals a,t,g, or c
: NAME/KEY: misc feature
: LOCATION: (70)
: OTHER INFORMATION: n equals a,t,g, or c
: NAME/KEY: misc feature
: LOCATION: (91)
: OTHER INFORMATION: n equals a,t,g, or c
: US-09-783-590-463

```

```
Alignment Scores:
```

```

Pred. No.: 146 Length: 112
Score: 25.00 Matches: 5
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
Gaps: 0
DB: 10

```

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US-09-856-070-16 (1-5) x US-09-783-590-463 (1-112)
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```
QY 1 GUAAGGULySGlu 5
```

```
Db 4 GAGAGAGAGAGAG 18
```

```
RESULT 10
```

```

US-09-864-761-27921/c
: Sequence 27921, Application US/09864761
: Patent No. US20020048763A1
: GENERAL INFORMATION:
: APPLICANT: Penn, Sharron G.
: APPLICANT: Rank, David K.
: APPLICANT: Hanzel, David K.
: APPLICANT: Chen, Wensheng
: TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
: FILE REFERENCE: Aemica-X-1
: CURRENT APPLICATION NUMBER: US/09/864,761
: CURRENT FILING DATE: 2001-05-23
: PRIOR APPLICATION NUMBER: US 60/180,312
: PRIOR FILING DATE: 2000-02-04
: PRIOR APPLICATION NUMBER: US 60/207,456
: PRIOR FILING DATE: 2000-05-26
: PRIOR APPLICATION NUMBER: US 09/632,366
: PRIOR FILING DATE: 2000-08-03
: PRIOR APPLICATION NUMBER: CH 24263.6
: PRIOR FILING DATE: 2000-10-04
: PRIOR APPLICATION NUMBER: US 60/236,359
: PRIOR FILING DATE: 2000-09-27
: PRIOR APPLICATION NUMBER: PCI/US01/00666
: PRIOR FILING DATE: 2001-01-30

```

```

: PRIOR APPLICATION NUMBER: US 60/207,456
: PRIOR FILING DATE: 2000-05-26
: PRIOR APPLICATION NUMBER: US 93/65,426
: PRIOR FILING DATE: 2000-08-03
: PRIOR APPLICATION NUMBER: CH 242,616
: PRIOR FILING DATE: 2000-10-04
: PRIOR APPLICATION NUMBER: US 60/236,359
: PRIOR FILING DATE: 2000-09-27
: PRIOR APPLICATION NUMBER: PCT/US01/00666
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00667
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00664
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00669
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00665
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00668
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00663
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00662
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00661
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: PCT/US01/00670
: PRIOR FILING DATE: 2001-01-30
: PRIOR APPLICATION NUMBER: US 60/234,687
: PRIOR FILING DATE: 2000-09-21
: PRIOR APPLICATION NUMBER: US 09/608,408
: PRIOR FILING DATE: 2000-06-30
: PRIOR APPLICATION NUMBER: US 09/774,203
: PRIOR FILING DATE: 2001-01-29
: NUMBER OF SEQ ID NOS: 49117
: SOFTWARE: Anadex Sequence Listing Engine vers. 1.1
: SEQ ID NO: 56955
: LENGTH: 115
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: OTHER INFORMATION: MAP TO AC007510.4
: OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.76
: OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.61
: OTHER INFORMATION: EXPRESSED IN HGF MAPROW, SIGNAL = 0.7
: OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.76
: OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 0.72
: OTHER INFORMATION: EXPRESSED IN FETAL TIVED, SIGNAL = 0.58
: OTHER INFORMATION: SWISSPROT HIT: Q184964, EVALUOE 1.40e+00
: OTHER INFORMATION: NT HIT: U85806.1, EVALUOE 5.40e-02
: S-09-864-761-26955

```

OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.76
 OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.61
 OTHER INFORMATION: EXPRESSED IN HGF-MARROW, SIGNAL = 0.7
 OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.76
 OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 0.72
 OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.58
 OTHER INFORMATION: SWISSPROT HIT: Q184964, EVALU0 1.80e+00
 OTHER INFORMATION: NT HIT: U85806.1, EVALU0 5.40e-02
 S-09-864-761-26955

Pred. No.:	150	Length:	115
Score:	25.00	Matches:	5
Percent Similarity:	100.00%	Conservative:	0
Best Local Similarity:	100.00%	Mismatches:	0
Query Match:	100.00%	Indels:	0
DB:	10	Gaps:	0

US-09-856-670-i6 (1-5) x US-09-854-761-z6955 (1-115)

OY	I	GLUATGCLULYSGLU	5
Dd	49	GAGCGGGAGAAGGAG	63

RESULT 12
US-09-969-373-582
Sequence 582, Application US/09969373
Patent No. US2002013385A1
GENERAL INFORMATION:
APPLICANT: ELIOTT, Roger J.
INVENTOR: HANCOCK, Brian M.

```

: TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
: FILE REFERENCE: 38-10(52679)A
: CURRENT APPLICATION NUMBER: US/09/969,373
: CURRENT FILING DATE: 2001-10-02
: PRIOR FILING DATE: 2001-01-05
: PRIOR APPLICATION NUMBER: US 09/754,853
: PRIOR FILING DATE: 2001-01-05
: PRIOR APPLICATION NUMBER: US 09/760,427
: PRIOR FILING DATE: 2001-01-13
: PRIOR APPLICATION NUMBER: US 09/855,768
: PRIOR FILING DATE: 2001-05-15
: NUMBER OF SEQ ID NOS: 4593
: SEQ ID NO 582
: LENGTH: 115
: TYPE: DNA
: ORGANISM: Glycine max
US-09-969-373-582

Alignment Scores:
Pred. No.: 150 Length: 115
Score: 25.00 Matches: 5
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

US-09-856-070-16 (1-5) x US-09-969-373-582 (1-115)

QY 1 GluAraGluLysGlu 5
|||||
Db 45 GAAGAGAGAGAGAGAA 59

RESULT 13
US-09-969-373-496/c
: Sequence 496, Application US/09/969,373
: Patent No. US2002013852A1
: GENERAL INFORMATION:
: APPLICANT: Ellertsz, Roger J.
: APPLICANT: Haude, Brian M.
: TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
: FILE REFERENCE: 38-10(52679)A
: CURRENT APPLICATION NUMBER: US/09/969,373
: CURRENT FILING DATE: 2001-10-02
: PRIOR FILING DATE: 2001-01-05
: PRIOR APPLICATION NUMBER: US 09/754,853
: PRIOR FILING DATE: 2001-01-05
: PRIOR APPLICATION NUMBER: US 09/760,427
: PRIOR FILING DATE: 2001-01-13
: PRIOR APPLICATION NUMBER: US 09/855,768
: NUMBER OF SEQ ID NOS: 4593
: SEQ ID NO 496
: LENGTH: 116
: TYPE: DNA
: ORGANISM: Glycine max
US-09-969-373-496

Alignment Scores:
Pred. No.: 151 Length: 116
Score: 25.00 Matches: 5
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

US-09-856-070-16 (1-5) x US-09-969-373-496 (1-116)

QY 1 GluAraGluLysGlu 5
|||||
Db 69 GAAGAGAGAGAGAGAA 55

RESULT 14
US-09-770-696-725
: Sequence 725, Application US/09/770,696
: Patent No. US2001004490A1

```

```

: GENERAL INFORMATION:
: APPLICANT: Goriach, Jörn
: APPLICANT: An, Yong-Qiang
: APPLICANT: Hamilton, Carol M.
: APPLICANT: Price, Jennifer L.
: APPLICANT: Raines, Tracy M.
: APPLICANT: Yu, Yang
: APPLICANT: Rameaka, Joshua G.
: APPLICANT: Page, Amy
: APPLICANT: Matthew, Abraham V.
: APPLICANT: Ledford, Brooke L.
: APPLICANT: Woessner, Jeffrey P.
: APPLICANT: Haas, William David
: APPLICANT: Garcia, Carlos A.
: APPLICANT: Krickler, Maja
: APPLICANT: Sladec, Ted
: APPLICANT: Davis, Keith K.
: APPLICANT: Allen, Keith
: APPLICANT: Hoffman, Neil
: APPLICANT: Hurban, Patrick
: TITLE OF INVENTION: Expressed Sequences of Arabidopsis
: FILE REFERENCE: 203US (PARA-020PRV)
: CURRENT APPLICATION NUMBER: US/09/770,696
: CURRENT FILING DATE: 2001-01-26
: PRIOR APPLICATION NUMBER: 69/178,278
: PRIOR FILING DATE: 2000-01-27
: NUMBER OF SEQ ID NOS: 911
: SOFTWARE: FastSeq For Windows Version 4.0
: SEQ ID NO 725
: LENGTH: 117
: TYPE: DNA
: ORGANISM: Arabidopsis thaliana
US-09-770-696-725

Alignment Scores:
Pred. No.: 153 Length: 117
Score: 25.00 Matches: 5
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

US-09-856-070-16 (1-5) x US-09-770-696-725 (1-117)

QY 1 GluAraGluLysGlu 5
|||||
Db 96 GAAGAGAGAGAGAGAA 110

RESULT 15
US-09-878-574-11070/c
: Sequence 11070, Application US/09/878,574
: Patent No. US20020110548A1
: GENERAL INFORMATION:
: APPLICANT: Byrum, Joseph R.
: APPLICANT: La Rosa, Thomas J.
: APPLICANT: Thompson, Michael D.
: TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated with
: TITLE OF INVENTION: Plants
: FILE REFERENCE: 38-21(15401)B
: CURRENT APPLICATION NUMBER: US/09/878,574
: CURRENT FILING DATE: 2001-12-21
: PRIOR APPLICATION NUMBER: 09/333,535
: PRIOR FILING DATE: 1999-06-14
: NUMBER OF SEQ ID NOS: 15775
: SEQ ID NO 11070
: LENGTH: 117
: TYPE: DNA
: ORGANISM: Glycine max
: OTHER INFORMATION: Clone ID: 701064010H1
US-09-878-574-11070

Alignment Scores:

```

Pred. No.: 153
 Score: 25.00
 Percent Similarity: 100.00%
 Best Local Similarity: 100.00%
 Query Match: 100.00%
 DB: 10

Length: 117
 Matches: 5
 Conservative: 0
 Mismatches: 0
 Indels: 0
 Gaps: 0

US-09-856-070-16 (1-5) x US-09-878-574-11070 (1-117)

QY 1 GluArgGluIysGlu 5

Db 52 GAGAGAGAGAGAGAG 38

Search completed: January 16, 2003, 21:45:54
 Job time : 20.4286 secs

